**DSG NPS Work Status Meeting Agenda**

**Date:** September 4, 2020

**Time:** 10:30AM – 11:30AM

*Attendees:*

1. CAEN System Testing Status (Aaron Brown, George Jacobs)
   1. Module Testing Update
      1. All 34 modules tested using GECO 2020
      2. 22 of 34 modules tested using EPICS
   2. Module issues
      1. The plan is still for CAEN tech support to come to the lab and fix the pin issue for all modules
   3. Planned Testing
      1. Trip test in development to ensure modules trip if in an “Over Voltage” state for too long.
2. Cable Fabrication (Aaron Brown)
   1. 720 HV divider cables fabricated
   2. HV schematic; confirm setup
   3. 42 140’ multi-conductor HV cables
      1. SAMTEC connectors will not be ordered until someone at JLab signs off on connector board design
      2. All other parts for cable fabrication have been ordered
      3. Expected arrival date for CAEN order is 11/18/2020
3. EPICS Monitoring Screens Development (Aaron Brown)
   1. CSS screens being developed
      1. Overview and Voltage/Current Readback screens, Expert Settings screen, Environment Monitoring screens
      2. WEDM screens planned for remote monitoring
   2. Channel assignments list
      1. Any particular naming convention we need to stick to?
4. Interlock system (Peter Bonneau)
   1. Task list has been developed
   2. Parts list being compiled for needed cRIOs and modules
5. Miscellaneous
   1. Who is designing the gas/cryogenics system for NPS detector?
      1. Is this something for DSG to develop?